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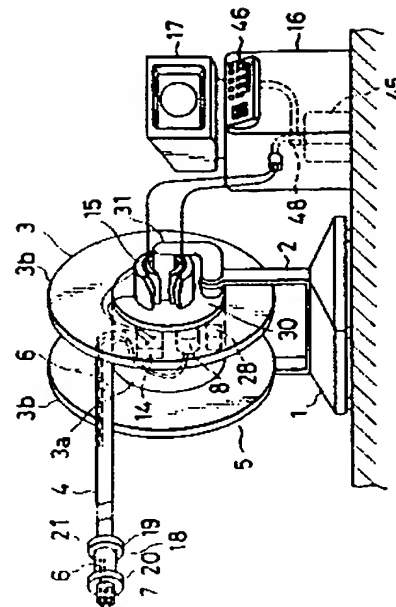
APPLICATION DATE : 10-02-88
APPLICATION NUMBER : 63029283

APPLICANT : OLYMPUS OPTICAL CO LTD;

INVENTOR : AOKI NORIYASU;

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TITLE : ENDOSCOPE DEVICE



ABSTRACT : PURPOSE: To surely and reliably transmit a signal to a drum by providing a rotary transformer coaxially with a drum shaft which takes up the insertion part of an endoscope and transmitting a control signal to a drum driving part through the transformer.

CONSTITUTION: The insertion part 4 where a light guide 6 and a CCD TV camera 7 are incorporated is taken up to the drum 3 which is turnably supported on a drum unit 5, where a TV camera controller 14 is arranged. The rotary transformer 15 is provided coaxially with the drum rotation shaft. The electrical signal of an external controller 16 is transmitted to the TV camera controller 14 through the rotary transformer 15 with such a constitution. Noncontact which occurs in a contact part in case of using a conventional brush does not occur and the signals can be surely and reliably transmitted to the drum side.

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